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Typical Product Specifications & Properties

Mercaptoacetic acid

CAS Number: : 68-11-1

| Specifications | Limits |
|------------------------------|--|
| Molecular weight | 92.12 |
| EINECS | 200-677-4 |
| SMILES | C(=O)(CS)O |
| InChI | 1S/C2H4O2S/c3-2(4)1-5/h5H,1H2,(H,3,4) |
| InChIKey | CWERGRDVMFNCDR-UHFFFAOYSAN |
| Atmospheric OH Rate Constant | 3.85E-11 cm ³ /molecule-sec |
| log P (octanol-water) | 0.09 |
| Water solubility | 1.00E+06 mg/L |
| pKa Dissociation Constant | 3.55 |
| Henry's Law Constant | 1.94E-08 atm-m ³ /mole |
| Boiling Point | 96 °C5 mm Hg |
| BRN Number | 506166 |



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| Specifications | Limits |
|---------------------|-------------------------|
| Density | 1.326 g/mL at 20 °C |
| Vapor Pressure | 0.4 mm Hg (25 °C) |
| Merck | 14,9336 |
| Flash Point | 126 °C |
| Vapor Density | 3.2 |
| Melting Point | -16 °C |
| Sensitive | Air Sensitive |
| Water solubility | soluble |
| Refractive Index | 1.505 |
| Storage Temperature | 2-8°C |
| Form | Liquid |
| Color | clear clear, colorless |



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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.